

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A remote control toy system comprising:

a plurality of sets, each set including a controller and a model controlled based on data transmitted from the controller, the transmitted data corresponding to an operation of the controller for controlling an operation of the model; and

an accessory device, provided separately from the controllers and the models, for conducting data communication with the controllers and the models,

wherein each of the controllers, the models, and the accessory device separately comprises:

a radio communication module for executing the data communication and for conducting bilateral data communication; and

a control device for implementing various controls based on data communication conducted through the radio communication module, wherein:

the accessory device comprises an information input section for accepting a user's information input, and

the control device of the accessory device comprises:

a device for executing a predetermined procedure based on the information input from the information input section; and

a device for generating data corresponding to a result of the procedure and sending the data through the radio communication module for independently altering the implementation of one of the various controls by the plurality of controllers.

Claim 2 (original): The remote control toy system according to claim 1, wherein the control device of the accessory device comprises:

a device for receiving data sent from the controller or the model, through the radio communication module; a device for executing a procedure based on information contained in the received data; and

a device for generating data corresponding to a result of the procedure and sending the data through the radio communication module.

Claim 3 (canceled).

Claim 4 (original): The remote control toy system according to claim 2, wherein the control device of the controller comprises:

a device for receiving the data sent from the accessory device, through the radio communication module; and

a device for executing a predetermined procedure based on the received data.

Claim 5 (original): The remote control toy system according to claim 4, wherein the sending device of the control device of the accessory device is configured to generate and send broadcast data intended for a plurality of controllers, and the receiving device of the control device of each controller is configured to receive the broadcast data, and the executing device of the control device of each controller is configured to execute a predetermined procedure common to all the controllers for which the broadcast data is intended.

Claim 6 (original): The remote control toy system according to claim 2, wherein the control device of the model comprises: a device for receiving data sent from the accessory device, through the radio communication module; and a device for executing a predetermined procedure based on the received data.

Claim 7 (original): The remote control toy system according to claim 6, wherein the sending device of the control device of the accessory device is configured to generate and send broadcast data intended for a plurality of models, and the receiving device of the control device of each model is configured to receive the broadcast data, and the executing device of the control device of each model is configured to execute a predetermined procedure common to all the models for which the broadcast data is intended.

Claim 8 (original): The remote control toy system according to claim 1, wherein each model comprises a detection device for outputting a signal correlated to a play situation of the system, the control device of each model comprises:

a device for effecting a predetermined decision concerning the play situation based on the output signal of the detection device; and

a device for generating data corresponding to a result of the decision and sending the data

through the radio communication module,

the control device of the accessory device comprises:

a device for receiving data sent from the model to be associated with the output signal of the detection device, through the radio communication module;

a device for determining restrictions concerning an action of at least one model, based on the received data; and a device for generating data corresponding to the determined restrictions and sending the generated data through the radio communication module, and

the control device of the controller or the model comprises:

a device for receiving data corresponding to the restrictions sent from the accessory device, through the radio communication module; and

a device for setting a corresponding relationship between the operation of the controller and the action of the model based on the received data.

Claim 9 (original): The remote control toy system according to claim 8, wherein the device for setting a corresponding relationship between the operation of the controller and the action of the model changes a corresponding relationship between a quantity of an operation of the controller concerning a specific action of the model and a quantity of control concerning the specific action of the model according to the restrictions.

Claim 10 (original): The remote control toy system according to claim 1, wherein the radio communication module is based on Bluetooth standards.

Claims 11 - 15 (canceled).

Claim 16 (currently amended): An accessory device used in combination with a controller and a model remotely controlled based on data transmitted from the controller, the accessory device comprising:

a radio communication module based on Bluetooth standards, the module serving as a device for executing bilateral data communication between the accessory device and the controller and between the accessory device and the model;

a control device for implementing various controls based on data communication conducted through the radio communication module; and

an information input section for accepting a user's information input,
wherein the control device comprises:

a device for executing a predetermined procedure based on information input from the information input section; and

a device for generating data corresponding to a result of the procedure and sending the data through the radio communication module for independently altering the implementation of one of the various controls by the plurality of controllers.

Claim 17 (new): The remote control toy system according to claim 1, wherein
the data transmitted from the controller for controlling the operation of the model is generated by the control device of the controller according to a selected one of a plurality of data maps, and

the data generated by the device for generating data in the control device of the accessory device is directed to control each controller in the plurality of sets to select an alternate one of the plurality of data maps.

Claim 18 (new): The remote control toy system according to claim 16, wherein
the data transmitted from the controller for remotely controlling the operation of the model is generated by a control device of the controller according to a selected one of a plurality of data maps, and

the data generated by the device for generating data in the control device of the accessory device is directed to control each controller in the plurality of sets to select an alternate one of the plurality of data maps.